L Number	Hits	Search Text	DB	Time stamp
139	5	(("0363525") or ("2658297") or ("1987071") or ("4307864") or ("5645254")).PN.	USPAT	2004/05/23 15:07
140	1	("1261894").PN.	USPAT	2004/05/23
141	1	("1590227").PN.	USPAT	16:34 2004/05/23
142	1	("5448459").PN.	USPAT	16:09 2004/05/23
143	3289	plastic near wire	USPAT	16:09 2004/05/23 16:34
144	1343	"plastic wire"	USPAT	2004/05/23
145	58	"plastic wire" and clamp and clip	USPAT	2004/05/23
146	0	ball with screwed with into with pole	USPAT	2004/05/23
147	0	ball with screwed with into	USPAT	2004/05/23
148	2647	ball with screwed	USPAT	2004/05/23
149	4	ball with screwed with pole	USPAT	2004/05/23
150	514	ball with screwed with shaft	USPAT	2004/05/23
151	221	ball with screwed with shaft with end	USPAT	2004/05/23
152	31	(ball with screwed with shaft with end)	USPAT	2004/05/23
153	63	(ball with screwed with shaft with end) and (socket cup)	USPAT	2004/05/23
154	0	ball with screwed with into	USOCR	2004/05/23
155	335	ball with screwed with shaft with end	USOCR	2004/05/23
156	52	(ball with screwed with shaft with end) with (socket cup)	USOCR	2004/05/23
157	1789	t-bar	USOCR	2004/05/23 17:12
158	3404	t-bar	USPAT; US-PGPUB;	2004/05/23
159	0	ballq	EPO; JPO USPAT;	2004/05/23
			US-PGPUB; EPO; JPO	17:12
160	437101	ball	USPAT; US-PGPUB;	2004/05/23 17:12
161	456259	clip clamp	EPO; JPO USPAT;	2004/05/23
			US-PGPUB; EPO; JPO	17:12
162	9	t-bar same ball same (clip clamp)	USPAT; US-PGPUB;	2004/05/23 17:13
163	59056	t-shape t-shaped	EPO; JPO USPAT;	2004/05/23
1.54			US-PGPUB; EPO; JPO	17:13
164	512	(t-shape t-shaped) with ball	USPAT; US-PGPUB;	2004/05/23 17:14
165	12	((t-shape t-shaped) with ball) same (clip clamp)	EPO; JPO USPAT; US-PGPUB;	2004/05/23 17:14
166	1809	(t-shape t-shaped) with (clip clamp)	EPO; JPO USPAT; US-PGPUB;	2004/05/23 17:14
167	21	((t-shape t-shaped) with (clip clamp)) same ball	EPO; JPO USPAT; US-PGPUB;	2004/05/23 17:14
L			EPO; JPO	

Search History 5/23/04 5:15:03 PM Page 1

L Number	Hits	Search Text	DB	Time stamp
139	5	(("0363525") or ("2658297") or ("1987071") or ("4307864") or	USPAT	2004/05/23 15:07
140	1	("5645254")).PN. ("1261894").PN.	USPAT	2004/05/23
141	1	("1590227").PN.	USPAT	16:34 2004/05/23
142	1	("5448459").PN.	USPAT	16:09 2004/05/23
143	3289	plastic near wire	USPAT	16:09 2004/05/23
144	1343	"plastic wire"	USPAT	16:34 2004/05/23
145	58	"plastic wire" and clamp and clip	USPAT	16:34 2004/05/23 16:51
146	0	ball with screwed with into with pole	USPAT	2004/05/23 16:52
147	0	ball with screwed with into	USPAT	2004/05/23
148	2647	ball with screwed	USPAT	2004/05/23
149	4	ball with screwed with pole	USPAT	2004/05/23 16:53
150	514	ball with screwed with shaft	USPAT	2004/05/23
151	221	ball with screwed with shaft with end	USPAT	2004/05/23
152	31	(ball with screwed with shaft with end) and socket	USPAT	2004/05/23
153	63	(ball with screwed with shaft with end) and (socket cup)	USPAT	2004/05/23
154	0	ball with screwed with into	USOCR	2004/05/23 16:56
155	335	ball with screwed with shaft with end	USOCR	2004/05/23 16:56
156	52	(ball with screwed with shaft with end) with (socket cup)	USOCR	2004/05/23 16:56
-	3	(("0363525") or ("2658297") or ("1987071")).PN.	USPAT	2004/05/23 15:07
_	11	363525.URPN.	USPAT	2004/05/21 14:01
_	1002	(40/324,658,647).CCLS.	USPAT; US-PGPUB;	2004/05/21 14:15
	23	(40/324,658,647).ccls. and ball	EPO; JPO USPAT; US-PGPUB;	2004/05/21 14:17
_	146	(248/447.1,447.2,453,229.16,229.26,230.7,2	EPO; JPO	
		and ball	US-PGPUB; EPO; JPO	09:49
_	2	6129323.URPN.	USPAT	2004/05/21 14:22
-	71	(248/447.1,447.2,453,229.16,229.26,230.7,2 and ball	3 VSOC R288.31	,23064/795,624s.
-	281	(403/122,127,90).ccls. and ball	USOCR	2004/05/21 14:45
_	555	(403/122,127,90).ccls. and ball	USPAT; US-PGPUB;	2004/05/21 14:45
	132	((403/122,127,90).ccls. and ball) and (clip clamp)	EPO; JPO USPAT; US-PGPUB;	2004/05/21 14:50
_	456259	clip clamp	EPO; JPO USPAT; US-PGPUB;	2004/05/21 14:50
_	437101	ball	EPO; JPO USPAT; US-PGPUB;	2004/05/21 14:50
			EPO; JPO	

- 6582 (clip clamp) with ball USPAT; US-PGPUB; EPO; JPO USPAT USPAT 2004/05/21 USPAT 2004/05/21	
- 266 ((clip clamp) with ball) same (tag card sheet board sign) - 11 363525.URPN.	
- 266 ((clip clamp) with ball) same (tag card sheet board sign) - 11 363525.URPN.	
sheet board sign) - 11 363525.URPN 2658297.URPN 5 2658297.URPN 0 1987071.URPN 0 6601813.URPN 0 6601813.URPN 17 ("0180881" "0273857" "0822809" USPAT 2004/05/21 15:37 2004/05/21 15:37 2004/05/21 15:37 - 18 ("0180881" "0273857" "0822809" USPAT 2004/05/21 15:37 2004/05/21 15:37 2004/05/21 15:37 2004/05/21 15:37 2004/05/21 15:37 2004/05/21 2004/0	
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- 11 363525.URPN. 2004/05/21 15:36 - 5 2658297.URPN. USPAT 2004/05/21 15:36 - 0 1987071.URPN. USPAT 2004/05/21 15:37 - 0 6601813.URPN. USPAT 2004/05/21 15:37 - 57 ("0180881" "0273857" "0822809" USPAT 2004/05/21 15:37 - 57 ("0180881" "1543037" "2375565" "2711300" "2950836" "3146982" "3843083" "3964708" "3987993" "4094076" "4214739" "4225106" "4320883" "4338707" "D273044" "4453695" "D274601" "4461284" "4466203" "4595008" "460111" "4461284" "4673148" "4696447" "4712313" "4673148" "4696447" "4712313" "4673148" "4696447" "4712313" "4735388" "4746090" "4818055" "5054726" "5172880" "5187744" "5199678" "5224679" "5234251" "5199678" "5224679" "5320406" "53354026" "53554026" "5385324" "5485931"	
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- 5 2658297.URPN. USPAT 2004/05/21 15:36 - 0 1987071.URPN. USPAT 2004/05/21 15:37 - 0 6601813.URPN. USPAT 2004/05/21 15:37 - 57 ("0180881" "0273857" "0822809" USPAT 2004/05/21 15:37	
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- 1 6409131.URPN. USPAT 2004/05/21	ļ
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- 0 6575482.URPN. USPAT 2004/05/21	
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- 17 ("1105083" "1410798" "1951930" USPAT 2004/05/21	ļ
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- 11 3373329.0RPN. 0SPA1 2004705721 15:43	
- 9 ("1141152" "1562994" "1684347" USPAT 2004/05/21	
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-	4	4482117.URPN.	USPAT	2004/05/21 15:45
	0	2518592.URPN.	USPAT	2004/05/21
_	5	2469859.URPN.	USPAT	2004/05/21
_	2	2433314.URPN.	USPAT	2004/05/21
	15	1688148.URPN.	USPAT	2004/05/21
-	16	3351312.URPN.	USPAT	2004/05/21
_	7	4666109.URPN.	USPAT	2004/05/21
_	12	("1013187" "1477549" "1704472" "1822980" "2545416" "2629814" "2744705" "2850560" "2885538" "3135488" "3778537" "4201004").PN.	USPAT	2004/05/21 15:49
-	39	3843083.URPN.	USPAT	2004/05/21
_	5	("0926114" "1227258" "1303345" "1888342" "3146982").PN.	USPAT	2004/05/21 15:51
_	16	2950836.URPN.	USPAT	2004/05/21
_	1	6467929.URPN.	USPAT	2004/05/21
_	14	("4160285" "4265561" "4967323" "5103384" "5268826" "5284345" "5446635" "5558428" "5573329" "5683171" "5951149" "6024467" "6062702" "6142650").PN.	USPAT	2004/05/21
_	1	6467929.URPN.	USPAT	2004/05/21 15:53
-	11	2496478.URPN.	USPAT	2004/05/21 15:53
_	3	1671085.URPN.	USPAT	2004/05/21 15:53
_	7	5775654.URPN.	USPAT	2004/05/21 15:54
-	17	("0936254" "1554118" "1688148" "1753875" "1894991" "2470694" "2663764" "2711872" "2994501" "3103375" "3112910" "4078756" "4735388" "4858990" "5040756" "5083732" "5671900").PN.	USPAT	2004/05/21 15:54
-	17	("0936254" "1554118" "1688148" "1753875" "1894991" "2470694" "2663764" "2711872" "2994501" "3103375" "3112910" "4078756" "4735388" "4858990" "5040756" "5083732" "5671900").PN.	USPAT	2004/05/21 15:55
	19	(248/102,103,104,105,106,107).ccls. and ball	USPAT	2004/05/22 17:19
_	14	4735388.URPN.	USPAT	2004/05/22 17:20
_	7	("1222246" "1900691" "2470694" "2530478" "2605069" "2711872" "3377117").PN.	USPAT	2004/05/22 17:21
-	5	("0363525") or ("1688148") or ("3351312") or ("2950836") or ("2496478")).PN.	USPAT	2004/05/23 09:22
_	16	1 '	USPAT	2004/05/23
_	16	2950836.URPN.	USPAT	2004/05/23 09:08
-	11	2496478.URPN.	USPAT	2004/05/23
_	4	4482117.URPN.	USPAT	2004/05/23
-	8	("1178594" "1590227" "1662518" "1671085" "1863163" "2496478" "2673705" "3180600").PN.	USPAT	2004/05/23

<u> </u>	15	1688148.URPN.	USPAT	2004/05/23
_	11	363525.URPN.	USPAT	09:19 2004/05/23
				09:20
_	560	(40/658).CCLS.	USPAT	2004/05/23 09:22
_	10	1590227.URPN.	USPAT	2004/05/23 09:22
-	10	1590227.URPN.	USPAT	2004/05/23 09:23
_	97	(403/142).CCLS.	USPAT	2004/05/23
-	2	1261894.URPN.	USPAT	09:25 2004/05/23 09:29
_	52	((248/288.51).ccls. not (248/447.1,447.2,453,229.16,229.26,230.7,2	USPAT; BWS8PG 208 ;31	2004/05/23
	23	and ball ((248/288.51).ccls. not	EPO; JPO USOCR	2004/05/23
	23	(248/447.1,447.2,453,229.16,229.26,230.7,2 and ball		
_	23	((248/288.51).ccls. not (248/447.1,447.2,453,229.16,229.26,230.7,2	USOCR 31.81,288.31	2004/05/23 ,091:63:47).ccls.)
_	2	and ball 1561603.URPN.	USPAT	2004/05/23
_	2	1555659.URPN.	USPAT	09:40 2004/05/23
_	7	4895329.URPN.	USPAT	09:41 2004/05/23
	12	("1141152" "1561603" "1906874"	USPAT	09:41 2004/05/23
	12	"2433314" "2465519" "2524173" "2727137" "2795834" "3222514"		09:42
-	7	"3591115" "4399498" "4628777").PN. 2727137.URPN.	USPAT	2004/05/23
-	2	2433314.URPN.	USPAT	09:44 2004/05/23 09:44
-	39	(362/396).ccls. and ball	USPAT	2004/05/23
_	86	(362/396).ccls. and ball\$6	USPAT	2004/05/23
_	146	(248/447.1,447.2,453,229.16,229.26,230.7,2 and ball	BWSPAT288.31 US-PGPUB; EPO; JPO	,230.064.70,5./231s. 10:08
-	161	(248/447.1,447.2,453,229.16,229.26,230.7,2 and ball\$10	3WSBAT288.31 US-PGPUB;	,2301064.7705.6231s. 09:52
_	15	((248/447.1,447.2,453,229.16,229.26,230.7, and ball\$10) not	US-PGPUB;	09:49
		((248/447.1,447.2,453,229.16,229.26,230.7, and ball)	2 BPO\$1JPO 8.3	1,316.7).ccls.
_	71	(248/447.1,447.2,453,229.16,229.26,230.7,2 and ball	B wso cr288.31	,2801064/70)5./c2:31s.
_	72	(248/447.1,447.2,453,229.16,229.26,230.7,2 and ball\$4	B WS0C R288.31	
-	73	(248/447.1,447.2,453,229.16,229.26,230.7,2 and ball\$6	B ws0c R288.31	
-	2	((248/447.1,447.2,453,229.16,229.26,230.7, and ball\$6) not	2 9506R ,288.3	
		((248/447.1,447.2,453,229.16,229.26,230.7, and ball)	231.81,288.3	
-	546	c-ring	USOCR	2004/05/23 09:52
_	2804	c-ring	USPAT; US-PGPUB;	2004/05/23 09:52
			EPO; JPO	
j -	129	c-ring and ball	USOCR	2004/05/23 09:52
-	14	c-ring with ball	USOCR	2004/05/23 09:52

			TICDAM.	2004/05/23
_	80	c-ring with ball	USPAT;	09:58
			US-PGPUB;	09:38
			EPO; JPO	2004/05/22
***	25258	ball with socket	USPAT;	2004/05/23
			US-PGPUB;	09:58
			EPO; JPO	
-	26977	ball with pin	USPAT;	2004/05/23
			US-PGPUB;	09:59
			EPO; JPO	
_	3950	(ball with socket) and (ball with pin)	USPAT;	2004/05/23
			US-PGPUB;	09:59
			EPO; JPO	
_	1137	ball with supported with pin	USPAT;	2004/05/23
	1	James West and Property	US-PGPUB;	10:05
			EPO; JPO	
_	166	(ball with supported with pin) and (ball	USPAT;	2004/05/23
	100	with socket)	US-PGPUB;	10:04
		with socket,	EPO; JPO	23031
	(500	(clip clamp) with ball	USPAT;	2004/05/23
	6582	(CIID CIAMP) WITH DAIL	US-PGPUB;	10:05
1				10.00
İ	1		EPO; JPO	2004/05/23
-	20	(ball with supported with pin) same	USPAT;	1 ' '
		((clip clamp) with ball)	US-PGPUB;	10:04
			EPO; JPO	0004/05/55
-	5203	(clip clamp) with ball	USOCR	2004/05/23
				10:05
-	1381	ball with supported with pin	USOCR	2004/05/23
				10:06
-	46	((clip clamp) with ball) same (ball with	USOCR	2004/05/23
		supported with pin)		10:08
_	0	molded with high with stregth with	USPAT;	2004/05/23
		polymer	US-PGPUB;	10:08
		polymol	EPO; JPO	
_	0	high with stregth with polymer	USPAT;	2004/05/23
		inight with streggin with porymor	US-PGPUB;	10:08
			EPO; JPO	10.00
	686	molded with high with strength with	USPAT;	2004/05/23
_	000		US-PGPUB;	10:10
		polymer	EPO; JPO	10.10
		(malded with bigh with atmosph with	USPAT;	2004/05/23
	1	(molded with high with strength with	1	l i
		polymer) with clip	US-PGPUB;	10:09
	_		EPO; JPO	2004/05/22
_	0		USPAT;	2004/05/23
		polymer) with clasp	US-PGPUB;	10:09
			EPO; JPO	0004/05/55
-	1	(molded with high with strength with	USPAT;	2004/05/23
		polymer) with clamp	US-PGPUB;	10:10
			EPO; JPO	
_	1	((molded with high with strength with	USPAT;	2004/05/23
		polymer) with clamp) and (molded with	US-PGPUB;	10:10
		high with strength with polymer)	EPO; JPO	
_	16564	high with strength with polymer	USPAT;	2004/05/23
			US-PGPUB;	10:10
			EPO; JPO	
	9	(high with strength with polymer) with	USPAT;	2004/05/23
		(clip clasp)	US-PGPUB;	10:12
1		(crth crash)	EPO; JPO	
	3	(high with strength with polymer) with	USPAT;	2004/05/23
_	3		US-PGPUB;	10:12
		(clamp)		10.12
		205 202 6 110001	EPO; JPO	2004/05/22
-	16	2950836.URPN.	USPAT	2004/05/23
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